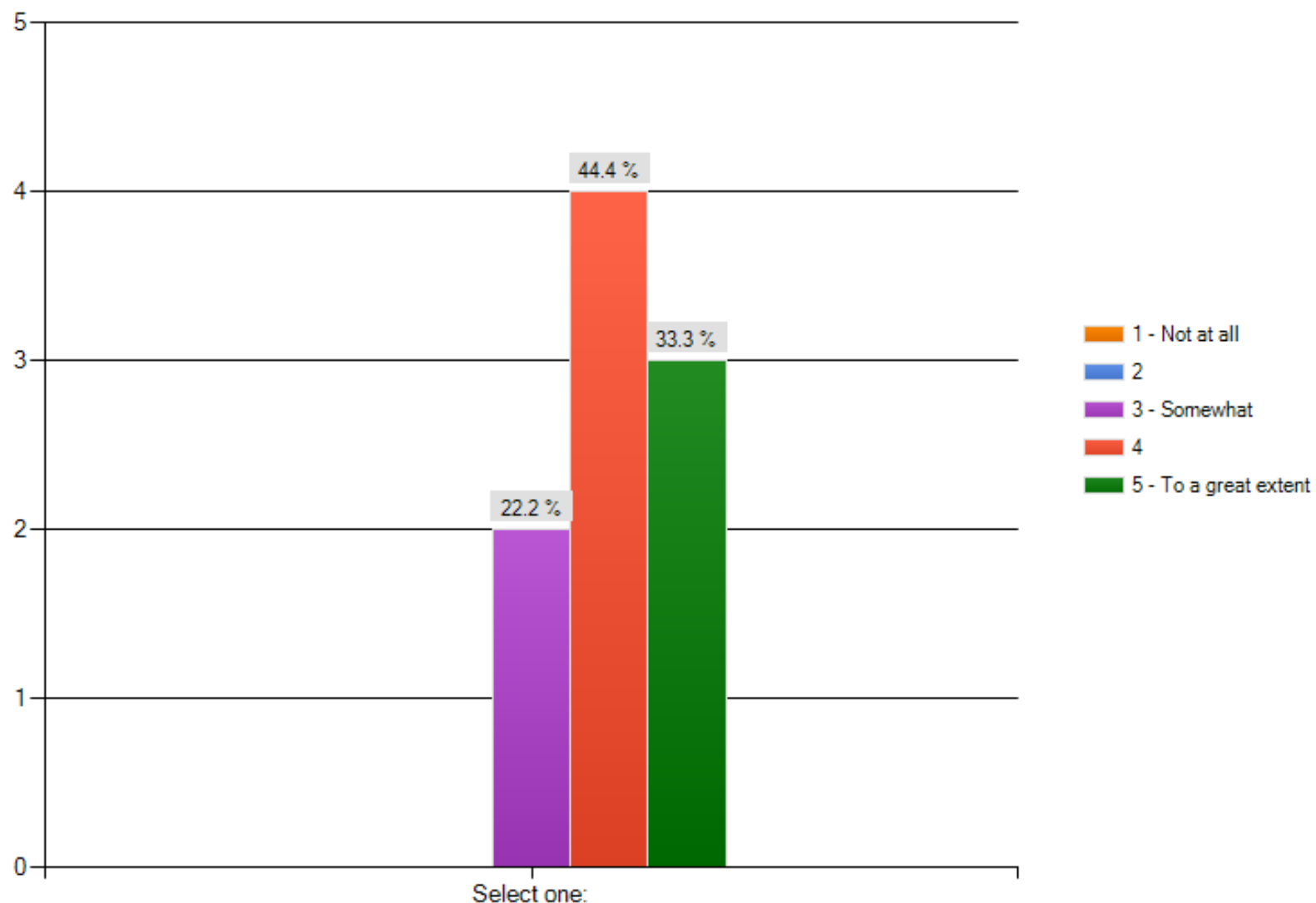
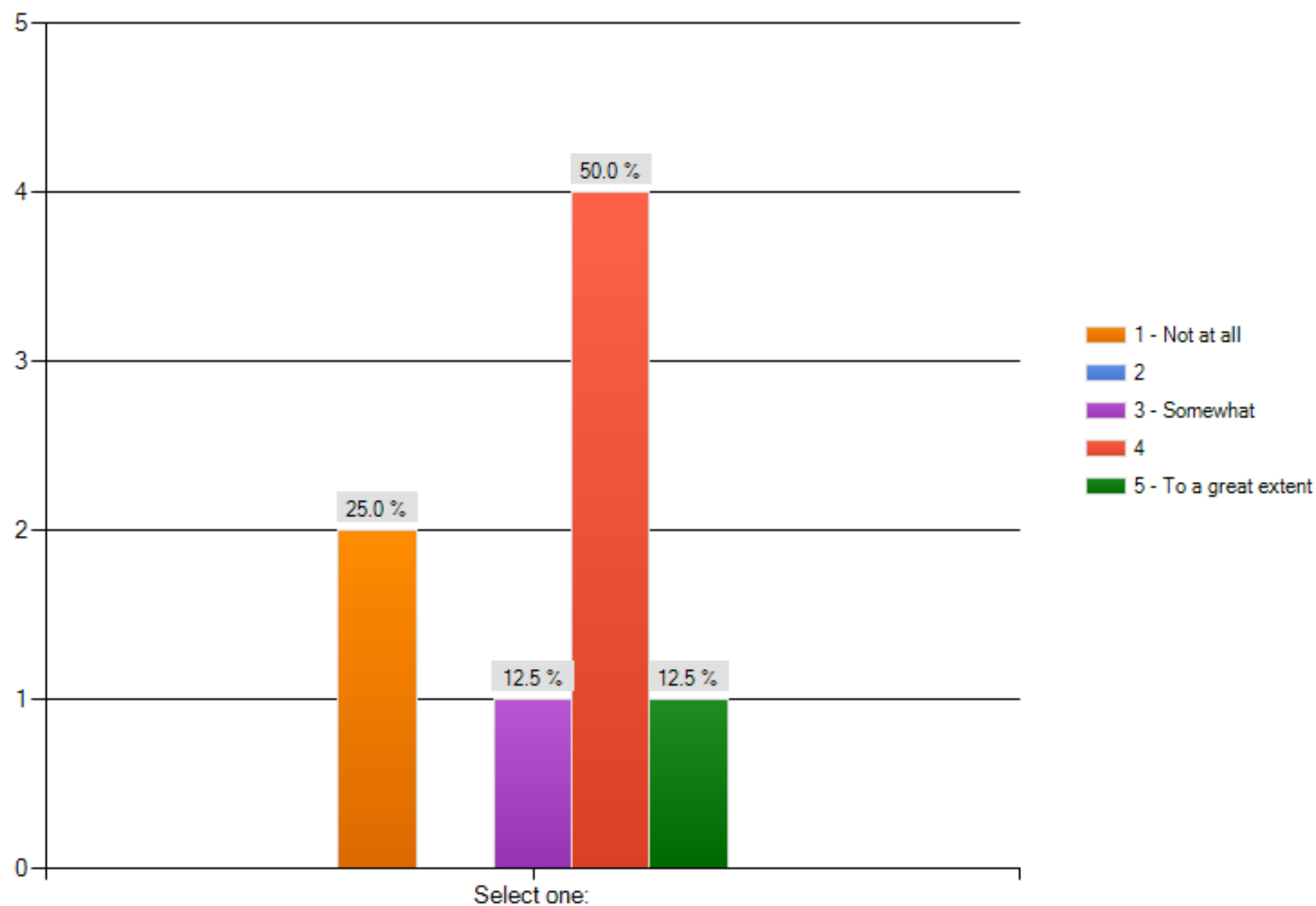


To what extent have you gained a working knowledge of Scenario Planning for Climate Change in Arctic Interior Alaska?



To what extent did you find the pre-workshop webinars helpful as you consider your experience during the workshop?



#3. What were your expectations for this workshop?

“To learn how to communicate about Climate Change in general terms.”

“None, really ... other than what I learned from the pre-meeting webinars. It seems that many "climate change adaptation" meetings and workshops are being held around the country (I attended one in Oregon a year or two ago) ... and they seem to take very diverse approaches to the topic. Maybe I was expecting a little bit of overview of all these various approaches, at least to explain why the one taken in this workshop was devised anew or chosen over the others. But I didn't hear that overview and explanation.”

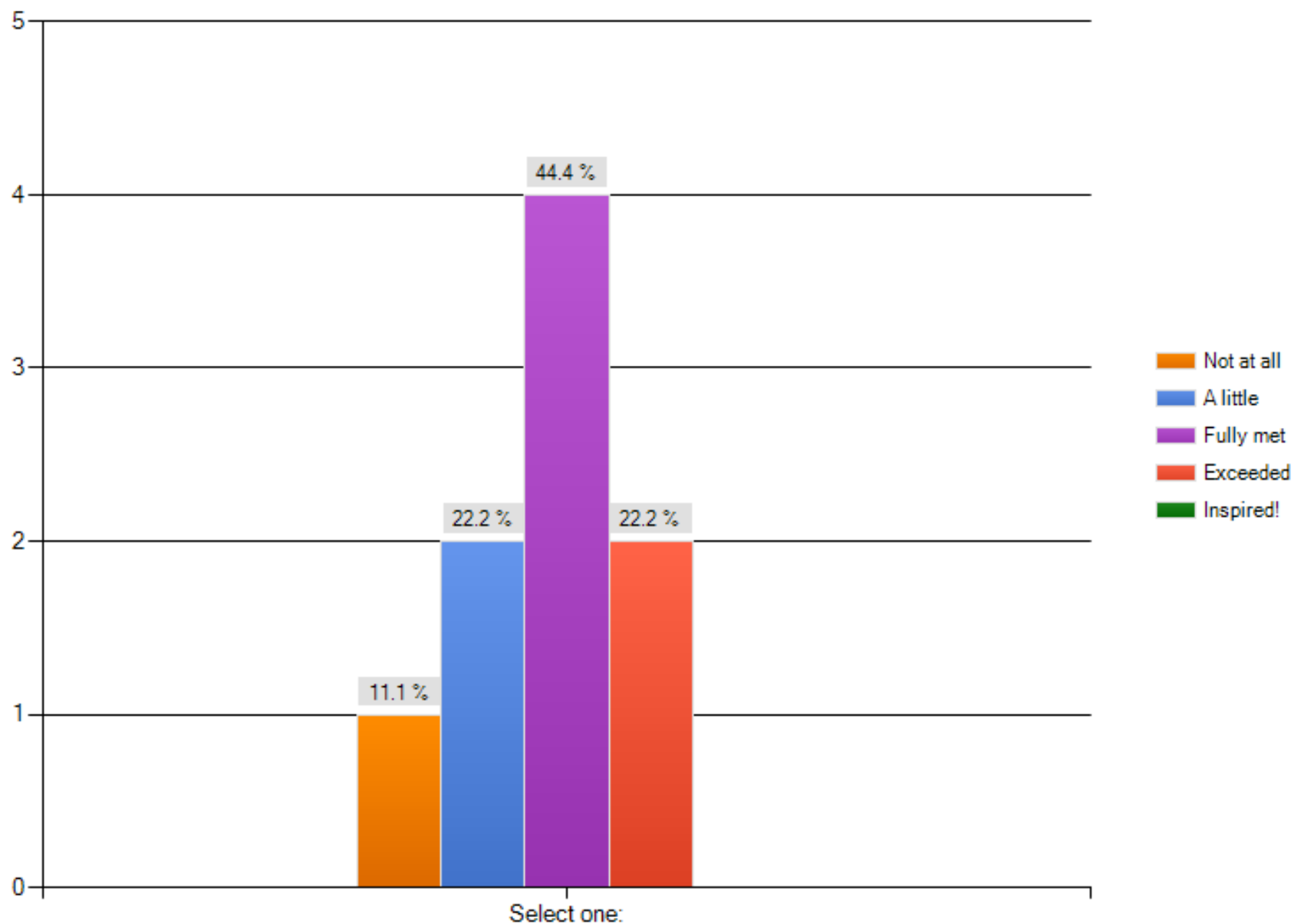
“To learn about scenario planning.”

“I expected to be bored and feel like my time was better spent elsewhere. I expected useless sounding planning discussions.”

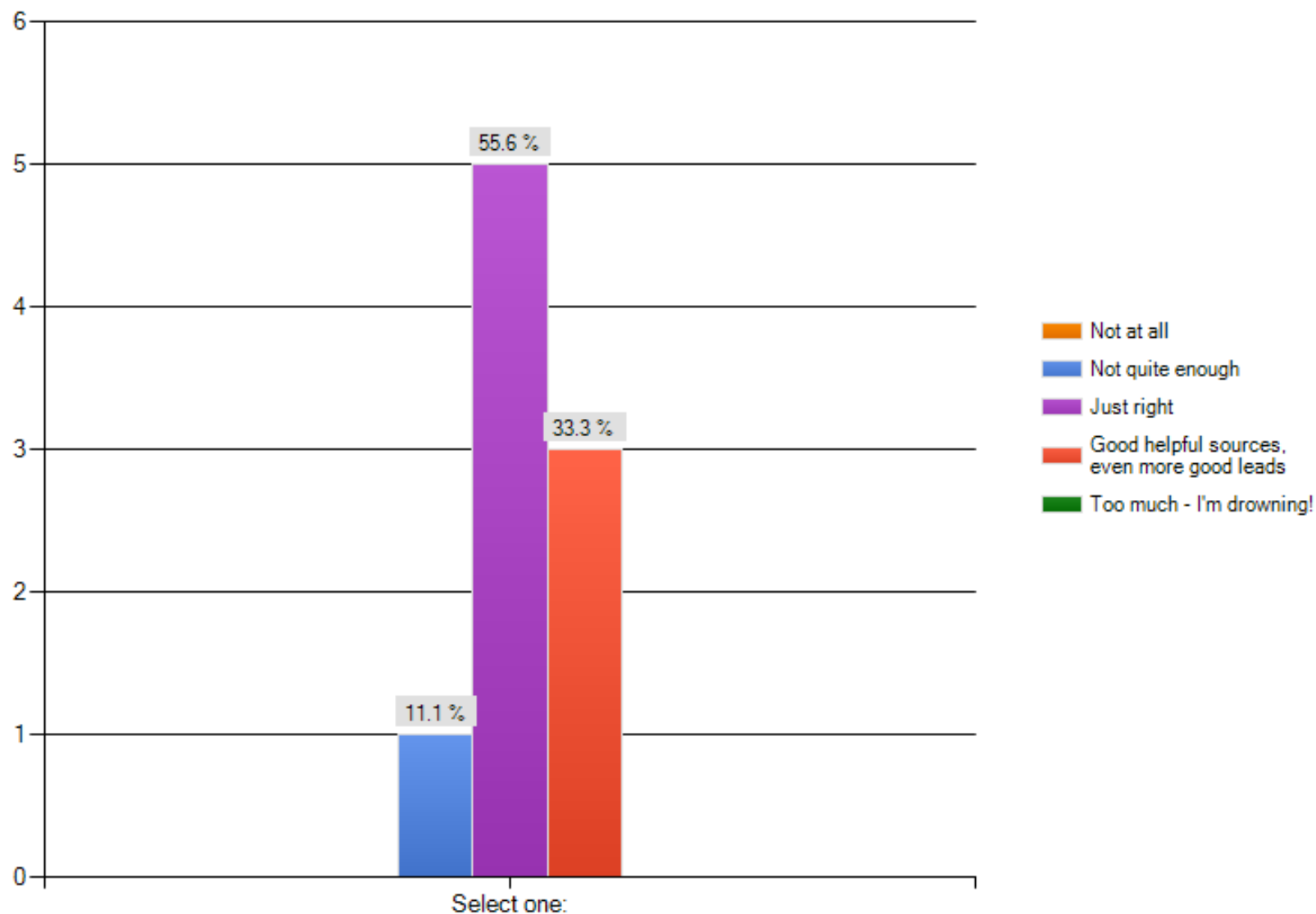
“I thought we would have more concrete scenarios for individual issues such as caribou migration, or flooding rather than overly general reactions and vague management actions.”

“To go through a series of plausible scenarios for climate change. To exchange information, educate each other, and to think broadly about what climate change is going to mean for parks and to the region.”

To what extent did this workshop live up to your expectations?



To what extent did you find the materials presented during the workshop to be informative and detailed enough for your needs?



#6. What additional products...?

“Climate change doesn't know any boundaries.”

“I was able to attend only the first day, unfortunately, so I can't speak to additional products needed because I missed the other days.”

“Who is actively developing scenario plans? who is considering to develop scenario plans for their region?”

#7. What was your most important learning or insight?

“Call me back in three decades!!”

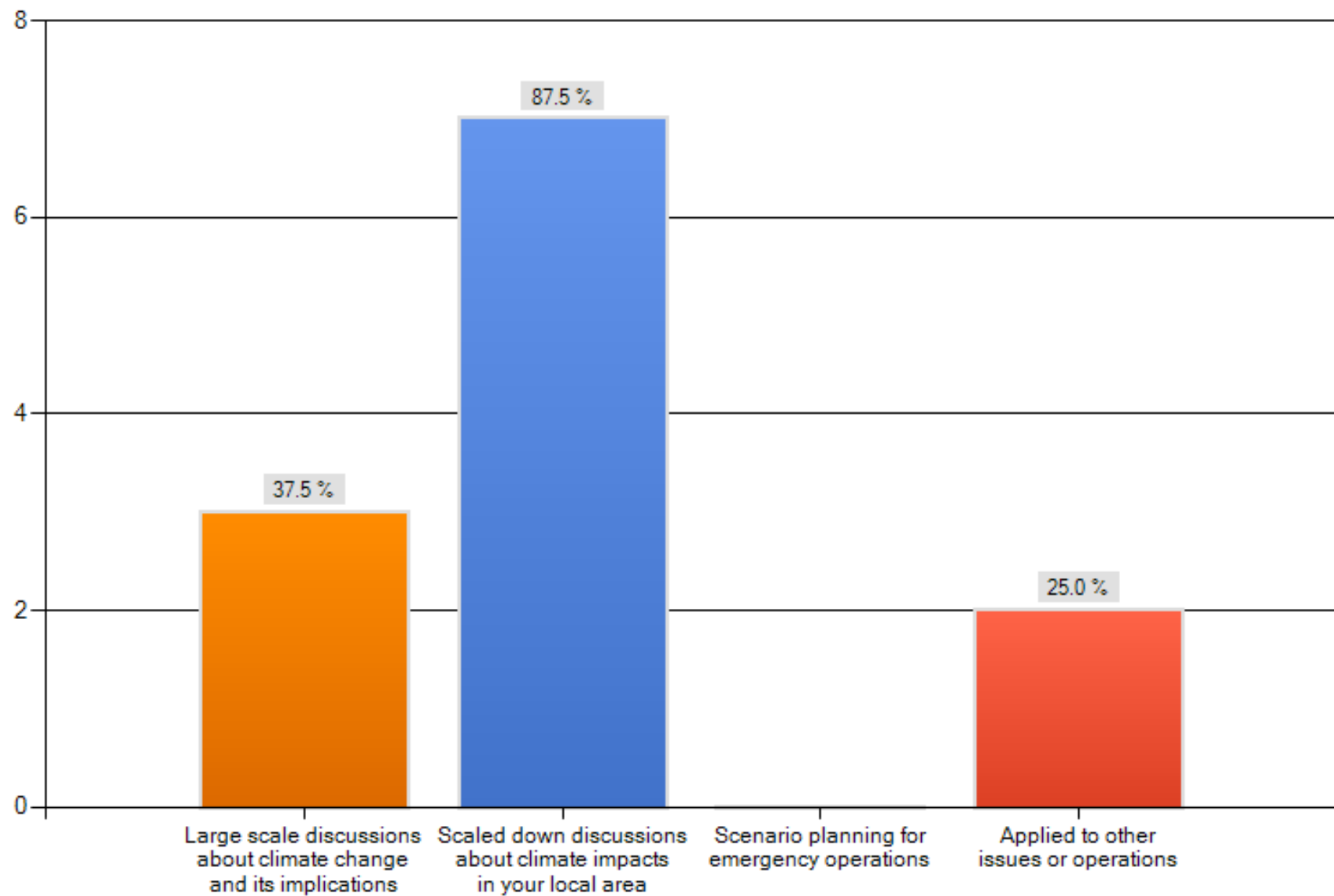
“That the PDO seems closely tied to AK coastal climate trends, and inversely tied to AK interior climate trends! And that ENSO doesn't play a role in the AK Arctic.”

“The most important insight was to see possible climate change effects to subsistence resources and how these issues might be addressed.”

“The breadth of possibilities in responding to the forecast changes. The potential for adaptation that preserves what we value and are mandated to protect. The new story telling skills.”

“It was great to see Jorgenson summarize his work... Learning about the process of scenario planning was useful.”

How do you plan to use scenario planning in your park or community, based on this experience?



#8. (continued) How do you plan to use scenario planning ...?

“What I learned about the PDO influence is helping me better understand historic time trends of temperatures in various locations throughout Arctic AK, for my climate change research and modeling projects with USGS.”

“I might use scenario planning to map my own career path, plan work projects that don't relate to climate change, to make staffing plans...”

“This past workshop really illustrated to me the power of these scenarios for outreach to local communities. The NPS would provide a real service to local area residents by presenting some of the scenarios to local communities or better yet, have them go through the exercises.”

#9. What would you suggest we do differently to improve...?

“The selection of drivers was difficult for this scenario. It does not appear to me that subcomponents of a overall driver (ie ice free season vs temperature) should be selected as drivers. I think there needs to be strong differentiation of potential drivers. While temperature increase in the Arctic has a high degree of certainty the potential effects across a broad range of variables is very uncertain. It did not make sense to me to select length of ice free season (which is directly correlated with temperature increase) as a driver. It seems to me that selecting to umbrella driver (in this case temperature) had the best chance of capturing a divergence of potential scenarios.”

“Try to be more plausible about what we can accomplish. Sure, we can imagine what we can get if it was a perfect world. But we're humans, we can't get everything we want. Its far more plausible that we can only do so much, so please limit your scenarios to whats somewhat plausible, not some outrageous speculative scenarios, where you have funding when you ask for it and you have broad public and political support.”

“Tighten down the definitions used in the breakout groups on the first day that pertained to descriptions of the axes on the scenario charts. We spent what I thought was more time than we should have in discussing the terminology, including related to drivers and effects, and still didn't get much clarity on some concepts and terms.”

#9. What would you suggest we do differently to improve (cont)?

“Distribute a list of actual persons/agencies doing climate change scenarios and how it helped them. (case studies, perhaps?)

“Guided discussions are difficult with a diverse group sometimes. Two facilitators sometimes repeated each other. Was there any facilitator training in the train the trainer? Good facilitation would help with a diverse group and with bringing out input from more quiet participants. Our group struggled with focus.”

“I think the facilitators could have exerted a stronger influence on the process, which would have kept things moving forward and the participants more engaged...the group I was in spun its wheels quite a bit and got bogged down in esoteric ideas. More active facilitation could have avoided this. Have your discussion leaders had any formal training in how to facilitate a meeting?”

#9. What would you suggest we do differently to improve (cont)

“Reduce the length of the workshop and skip the second half of the first day and start with a list of implications and build scenarios from there. much of the information in the first day of discussion was review and could have been condensed considerably.”

“I thought the first morning was great preparation for the rest of the workshop with the talks by subject matter experts. I wonder if this could be extended a bit more to other subject matters. Projected changes to local economies or communities for example, or wildlife, or...”

#10. Any other questions or concerns...?

“While parks need to make effective use of this tool-I hope AKR will take a leadership role in turning the scenario planning efforts into on the ground actions. thx for the hard work on this!”

“When it comes down to it, the only concerns in the northwest and interior arctic will be caribou and caribou. Locals will only be concerned about caribou. Make an additional scenario that only focuses on caribou!! In some areas that might be sheefish. The Park Service isn't gonna get any feedback on anything other than caribou and sheefish, so you might have to engage locals this way. Don't be lame and worry about the environment, worry about what the locals have to eat. This may be a singular focus and quite possible too narrowly focused, but that's how you get the local attention in the Northwest and Arctic Interior.”

“Would very much like to be kept informed on how the information will be consolidated, to whom it goes next, and what the disposition of all that will be in terms of private and public land management.”

#10. Any other questions or concerns...?

“The effects of climate change have to be taught--the public might not be aware of possible effects. there is a great need for public education on climate change impacts and its effect on the environment. there is a disconnect between actual climate changes and the general public's awareness of the issue. thanks,” (john chase)

“Clear objectives written down at the front of the room for each section of the break-outs would help. Though we were told, we often forgot "what" we were trying to accomplish.”

“This is important work--thanks for leading the way!”

“I think the scenario planning exercise for all of Alaska could have been combined in one event. The major issues that face Alaska parks have a great deal of similarity and overlap. This would have saved money, time and financial resources.”

#10. Any other questions or concerns...?

"I'd like to discuss this with Bob, Bud, Jeff, & Nancy at some point; don't have time to write it up now, as I have to get to other stuff. This program was very valuable, but just to mention some concerns; 1. As I had mentioned, it is not clear to what degree this planning is for the Park units, or for NW Alaska, or primarily for local residents of the area. Seems to me the mission of NPS & the Park purposes should have been the starting point. 2. I'm concerned about a group of people, many of us, me included, who have little expertise in ecological effects, forecasting the effects & consequences of a selected group of CC drivers. 3. Related, the 'stories' were amusing & provided some comic relief, but a lot of time was spent on them, and I doubt they are really of value in describing likely outcomes, and may well be misleading if used, for example, to inform rural residents of what may happen. 4. Related, this program was practically dominated by 1 constituency group, and their perspectives & interests seem to be those of NPS. The Preserve's sport hunters were disparaged, untrue things said about them, (by participants) and I think NPS has forgotten that it was the will of Congress that this use is appropriate in those areas. Personally, I'm not a big fan of this use, but still this fact should be recognized. Also, the fact that CC may increase the period for other recreational use of these public parks seemed to be described only as a problem--Wilderness hikers & floaters will leave more trash, cause more mgt problems etc. What about "parks are for people"? Are hikers really the ones who leave trash? That there may be more opportunity for public use of these parks is a good thing--if you consider park purposes. But, at least in my session, "more outsiders" was just a problem. Yes, subsistence is important, a responsibility you have, but stakeholder participation should have been balanced, and in terms of public use, these parks were intended by Congress to be more than grocery sources for local residents. 5. I realize everything is related, but NPS can't address everything, and I think the presentations & discussions getting into village infrastructure, --what will happen to the septic systems etc-- is too far out. If cc brings such significant impacts, the presumption that villages will need to be moved & the government will do it for them, at exorbitant cost to a nation in debt & having a multitude of other cc related costs--its just not based on a realistic assumption, in my opinion. If you want to consider what will happen to rural villages under different CC scenarios, that's ok, but not on such a superficial basis. However, this was a very beneficial opportunity for me and its got many possibilities for engaging people in a real participatory way. I'm thinking how it could be condensed into a 1 day program, and how we could adapt it with a range of stakeholders, with different, and with cc, what may be very competing interests. Thanks for doing this & I hope we can talk in more detail about how some of the concerns I mentioned may be addressed."